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Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	**Ms_JAMCS_47161**
Title of the Manuscript:	**Natural Convection Couette Flow through a Vertical Porous Channel Due to Combined Effects of Thermal Radiation and Variable fluid Properties**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments	Many of the results and conclusions of this paper are quite basic. I strongly recommend expanding: Introduction, Conclusions and the Results sections. The aim should be to: 1) give a broader view of the literature on the topic and the current state-of-the-art; 2) clarify and discuss the novelty and the significance of the results obtained here, and compare them with those available in the literature, also including discussions on potential applications; 3) complete the manuscript with some additional, less basic results. I cannot support publication unless the authors undertake all the above actions in full. The following are the valuable studies to make the introduction section more concise to show the previous literature. "Effects of thermal radiation, viscous and Joule heating on electrical MHD nanofluid with double stratification." *Chinese Journal of Physics* 55.3 (2017): 630-651., "Effects of buoyancy and thermal radiation on MHD flow over a stretching porous sheet using homotopy analysis method." *Alexandria Engineering Journal* 54.3 (2015): 705-712. "Laminar convective boundary layer slip flow over a flat plate using homotopy analysis method." *Journal of The Institution of Engineers (India): Series E* 97.2 (2016): 115-121. "Effects of slip and convective conditions on MHD flow of nanofluid over a porous nonlinear stretching/shrinking sheet." *Australian Journal of Mechanical Engineering* 16.3 (2018): 213-229. "Impact of thermal radiation on electrical MHD flow of nanofluid over nonlinear stretching sheet with variable thickness." *Alexandria Engineering Journal*57.3 (2018): 2187-2197. "Steady MHD laminar flows and heat transfer adjacent to porous stretching sheets using HAM." *American Journal of Heat and Mass Transfer* 2.3 (2015): 146-159. "Entropy analysis in electrical magnetohydrodynamic (MHD) flow of nanofluid with effects of thermal radiation, viscous dissipation, and chemical reaction." *Theoretical and Applied Mechanics Letters* 7.4 (2017): 235-242. "Numerical study of Entropy analysis for electrical unsteady natural magnetohydrodynamic	

	flow of nanofluid and heat transfer." *Chinese Journal of Physics* 55.5 (2017): 1821-1848. "MHD laminar flows and heat transfer adjacent to permeable stretching sheets with partial slip condition." *Journal of Advanced Mechanical Engineering*4.1 (2017): 1-15. "Double stratification effects on unsteady electrical MHD mixed convection flow of nanofluid with viscous dissipation and Joule heating." *Journal of Applied Research and Technology* 15.5 (2017): 464-476. "Thermal stratification effects on MHD radiative flow of nanofluid over nonlinear stretching sheet with variable thickness." *Journal of Computational Design and Engineering* 5.2 (2018): 232-242. "Thermal radiation on unsteady electrical MHD flow of nanofluid over stretching sheet with chemical reaction." *Journal of King Saud University-Science* (2017). "Entropy Analysis of Unsteady Magnetohydrodynamic Nanofluid over Stretching Sheet with Electric Field." *International Journal for Multiscale Computational Engineering* 15.6 (2017). "Electrical Unsteady MHD Natural Convection Flow of Nanofluid with Thermal Stratification and Heat Generation/Absorption." *Matematika*34.2 (2018): 393-417. "Hydromagnetic slip flow of nanofluid with thermal stratification and convective heating." *Australian Journal of Mechanical Engineering* (2018): 1-9. "Slip Effects on Electrical Unsteady MHD Natural Convection Flow of Nanofluid over a Permeable Shrinking Sheet with Thermal Radiation." *Engineering Letters* 26.1 (2018). I need the clarification on the application of the problem studied. There should be concrete findings in abstract. They should explain the reasons of selecting such ranges of parameters.	
Minor REVISION comments		
Optional/General comments		

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PART 2:

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	***Yahaya Shagaiya Daniel***
Department, University & Country	***Malaysia***